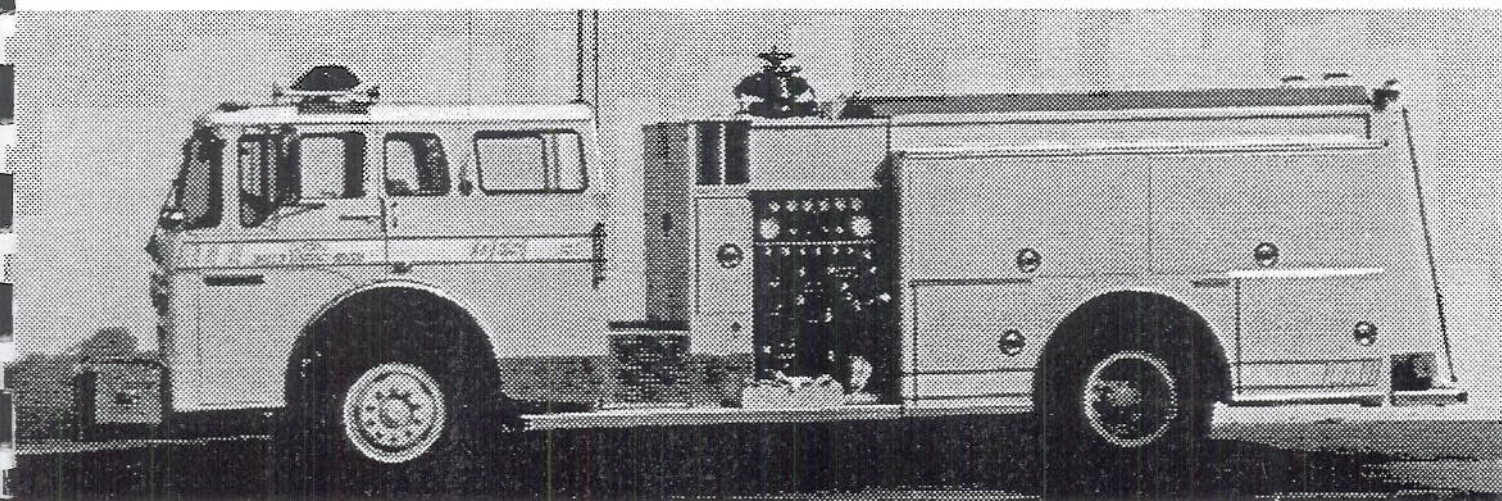


**State of California
Office of Emergency Services**

FIRE AND RESCUE DIVISION



OPERATOR'S MANUAL

**FIRE APPARATUS
Model C-8000**

Series No. 223 through 237

STATISTICAL INFORMATION

ENGINE AND CHASSIS

MAKE: FORD MODEL: C-8000

YEAR: OES - 223-227 1987
OES - 228-232 1988
OES - 233-237 1989

ENGINE: CATERPILLAR MODEL: 3208T/250HP

CRANKCASE CAPACITY: 18 QUARTS WITH FILTER

ENGINE OIL: S.A.E. #30 - USE OILS MEETING THE FOLLOWING ENGINE
SERVICE CLASSIFICATION:

CD/SF OR CD/SE
(MIL-L - 46152B AND MIL-L - 2104D)

FUEL TYPE: DIESEL (MINIMUM CETANE RATING OF 40)

FUEL CAPACITY: 100 GALLONS
(50 GALLONS LEFT/50 GALLONS RIGHT)
NOTE: TANKS ARE EQUALIZED

AIR CLEANER: TWO-STAGE, DRY TYPE
(REFER TO ENGINE MANUAL FOR SERVICE INSTRUCTIONS)

COOLING SYSTEM CAPACITY: APPROXIMATELY 47 QUARTS

STEERING: INTEGRAL POWER STEERING (DEXTRON II - TYPE XT-2 QDX OR
EQUIVALENT)

REAR AXLE: 2-SPEED ROCKWELL MODEL: RS-23-240

RATIOS: 4.88/6.65 RATED CAPACITY 23,000#

TRANSMISSION: MANUAL SPICER MODEL ES65-5E 5-SPEED

TRANSMISSION CAPACITY: 18 PINTS TRANSMISSION OIL: S.A.E. 50

DIFFERENTIAL: S.A.E. #90 GEAR OIL

TIRES: 1100 X 20, 14-PLY PRESSURE: 85 PSI

*Loc. Page #
Spd. Rms*

STATISTICAL INFORMATION (Continued)

FIRE BODY AND PUMPS

BODY BUILDUP: WESTATES

MAIN PUMP: WATEROUS MODEL: CSYB-1000

RATING: 1000 GPM - SINGLE STAGE

BOOSTER PUMP: WATEROUS MODEL: CPK-2-300 (PTO-DRIVE)

RATING: 300 GPM - 150 PSI

NOTE: DAMAGE WILL OCCUR IF BOOSTER PUMP IS OPERATED IN EXCESS OF 2,600 ENGINE RPM!

WATER TANK CAPACITY: 750 GALLONS

TANK CONSTRUCTION: CROSSLINK/POLYURETHANE

NOTE: REFER TO WATEROUS PUMP MANUAL FOR MAINTENANCE INSTRUCTIONS.

State of California
OFFICE, OF EMERGENCY SERVICES
Fire and Rescue Division

EXHIBIT "A" - EQUIPMENT INVENTORY

ENGINE NUMBER: _____	LICENSE NUMBER: _____	SERIAL NUMBER: _____	MOTOR NUMBER: _____
DELUGE SET W/STREAM STRAIGHTENER & TIPS 1-1/2" - 1-3/4" - 2"		2 ROPE, 1/2" X 100'	
LOG BOOK/CREDIT CARD		2 NOZZLE 2-1/2" SHUTOFF W/TIPS	
FIRE EXTINGUISHER 4# OR 5#		1 NOZZLE 2-1/2" FOG	
FIRST AID KIT		2 HOSE, HARD SUCTION 5" X 10'	
SOFT SUCTION HOSE 2-1/2" X 12'		1 STRAINER, 5" SUCTION HOSE	
CAP, 2-1/2" DISCHARGE		1 ADAPTER, 5" X 4-1/2" DF HYDRANT	
PLUG, 2-1/2" SUCTION		1 ADAPTER, 5" X 4" DF HYDRANT	
ADAPTER 1-1/2" IPF TO 1-1/2" NSM		1 ADAPTER, 5" X 2-1/2" DF HYDRANT	
ADAPTER 1-1/2" PCF TO 1-1/2" NSM		1 WYE, GATED 2-1/2" NSF X 2 1-1/2" NSM	
ADAPTER 1-1/2" NSF TO 1-1/2" PCM		1 HOSE, BOOSTER 3/4" X 150'	
ADAPTER 1-1/2" NSF TO 1-1/2" IPM		4 NOZZLE, 1-1/2" COMBINATION	
COUPLING 2-1/2" DM		2 NOZZLE, 1" COMBINATION	
COUPLING 2-1/2" DF		2 BELT, TAILBOARD SAFETY	
REDUCER 2-1/2" NSF TO 1-1/2" NSM		1 JACK, HYDRAULIC W/HANDLE	
REDUCER 1-1/2" NSF TO 1" IPM		1 WRENCH, LUG W/HANDLE	
INCREASER 1" IPF TO 1-1/2" NSM		1 CRANK, HOSE REEL	
SIAMESE 2-1/2"		1 CHAIN, TOW 25', W/GRAB HOOKS	
WRENCH, ADJUSTABLE HYDRANT		24 HOSE, 2-1/2" NST 50' LENGTH	
WRENCH, HOSE SPANNER		12 HOSE, 1-1/2" NST 50' LENGTH	
WRENCH, HARD SUCTION HOSE SPANNER		8 HOSE, 1" NST 50' LENGTH	
STRAP, HOSE & LADDER		1 CLAMP, HOSE (HEBERT)	
LANTERN, HAND, 6 VOLT		1 PIKE POLE	
RADIO, MOBILE SER. # _____		1 LADDER, 24' EXTENSION	
OES # _____		1 LADDER, 14' ROOF	
RADIO, MOBILE SER. # _____		1 HOSE, SOFT SUCTION 4-1/2" X 12'	
OES # _____		1 KIT, RADEF	
BOOK, RADIO MAINTENANCE LOG		1 AXE, PICKHEAD W/MOUNTING	
MALLET, RUBBER		BRACKET & GUARD	
CUTTER, BOLT		1 MANUAL, CHASSIS	
SHOVEL		1 MANUAL, ENGINE	
BAR, CROW		1 MANUAL, PUMP	
HAMMER, SLEDGE		1 OES OPERATIONS GUIDE	
KIT, REFLECTOR, 3-UNIT		1 OES BULLETIN BOOK	
		1 FLOTO PUMP, OES # _____	

INVENTORY APPLIES TO OES ENGINES 201 AND UP

REMARKS: _____

ACCEPTED BY: _____ TITLE: _____

DEPARTMENT: _____ DATE: _____